

Abstract

An automatic choke apparatus for use in an internal combustion engine. The choke apparatus includes a choke valve automatically operable in response to the speed of the engine, a thermally conductive assembly that conducts heat from exhaust gases produced by the engine, a thermally responsive member in thermal communication with the thermally conductive assembly, and a mechanism that moves in response to the thermally responsive member to cause the choke valve to remain in at least a partially open position during engine starting when the thermally responsive member senses a temperature above a predetermined temperature. The thermally conductive assembly at least partially surrounds the path of the exhaust gases.